

EXPRESS MAIL NO.: EL470370879US

WHAT IS CLAIMED IS:

Sub A
1. A communication method for transmitting data from a server to a requesting computer, said method comprising steps of:

receiving a request for a data item at the server;

5 receiving a speed indication signal at the server from the requesting computer; and transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

10 2. A communication method according to claim 1 in which the transmitting step comprises substeps of:

determining a block size based at least on, the speed indication signal;

determining a period based at least on, the speed indication signal;

15 transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

Sub B
15 3. A communication method according to claim 1, further comprising steps of: accessing a remote computer indicated in an address included in the request; and receiving the first data item from the remote computer.

20 4. A communication method according to claim 1 further comprising steps of reading the data item from a memory associated with the server.

EXPRESS MAIL NO.: EL470370879US

5.
27

- Self 5.*

A communication method for transmitting data from a server to a requesting computer, said method comprising the steps of:

 - accepting a user request for a data item at a client computer;
 - accepting a user input speed setting at the client computer;
 - generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting;
 - transmitting the user request for a data item to a server computer;
 - sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

卷之三

EXPRESS MAIL NO.: EL470370879US

6. A communication system for transmitting data from a server to a requesting computer comprising:

a means for receiving a request for a data item at the server;

a means for receiving a speed indication signal at the server from the requesting

5 computer;

a means for transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

7. A communication system according to claim 6 in which the transmitting means
10 comprises:

a means for determining a block size based, at least on, the speed indication signal;

a means for determining a period based, at least on, the speed indication signal;

a means for transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

15 *Subj* 8. A communication system according to claim 6, further comprising:

a means for accessing a remote computer indicated in an address included in the request; and

a means for receiving the first data item from the remote computer.

20 9. A communication system according to claim 6 further comprising means for reading the data item from a memory associated with the server computer.

EXPRESS MAIL NO.: EL470370879US

Sub
A3/1

10. A communication system for transmitting data from a server to a requesting computer comprising:

 - a means for accepting a user request for a data item at a client computer;
 - a means for accepting a user input speed setting at the client computer;
 - a means for generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting;
 - a means for transmitting the user request for a data item to a server computer;
 - a means for sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

10

the first time he had seen his son, he had been very much moved.

EXPRESS MAIL NO.: EL470370879US

11. A computer readable medium containing programming instructions for data communication comprising programming instructions for:

receiving a request for a data item at a server;

receiving a speed indication signal at the server from the requesting computer;

5 transmitting at least a portion of the data item in accordance with the speed indication signal.

12. A computer readable medium according to claim 11 wherein the programming instruction for transmitting comprises programming instructions for:

10 determining a block size based on, at least, the speed indication signal;

determining a period based on, at least, the speed indication signal;

15 transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

13. A computer readable medium according to claim 11, further comprising programming instructions for:

accessing a remote computer indicated in an address included in the request; and receiving the first data item from the remote computer.

20 14. A computer readable medium according to claim 11, further comprising programming instructions for reading the data item from a memory associated with the server computer.

EXPRESS MAIL NO.: EL470370879US

- Jeff Alt*
15. A computer readable medium containing programming instructions for data communication comprising programming instructions for:
accepting a user request for a data item at a client computer;
accepting a user input speed setting at the client computer;
generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting;
transmitting the user request for a data item to a server computer;
sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

5

10

DAD
Q5